Claims

Please amend Claims 1 – 27 as follows:

1. (*Currently amended*)   A Distributed Computer Resource Bartering System, ~~or~~ (DCRBS)~~,~~ comprising:

a plurality of independent computing devices <u>coupled</u>~~connected~~ to ~~one another through~~ a network, wherein each of the computing devices is provided with a variety of computing resources;

<u>a coordination computing device configured</u> ~~a coordination means installed on one of the computing devices to designate functionally a coordination computing device~~ to coordinate ~~the~~ bartering of ~~the variety of~~ <u>various</u> computing resources ~~amongst all~~<u>respectively running in</u> the computing devices~~;~~<u>, wherein each of the computing devices is configured to barter the various computing resources with the coordination computing device that is executing a negotiation process requiring human intervention to subsequently reach a bartering contract with some of the computing devices; and</u>

~~a bartering means installed on each of all the computing devices to designate functionally a plurality of computing devices to barter the variety of computing resources amongst all the computing devices; and~~

wherein<u></u>~~by~~ a fraction of the computing resources of <u>each of</u> <u>some of</u> the ~~individual~~ computing device<u>s</u> is <u>coordinated</u> ~~bartered amongst them by the bartering means~~through ~~the coordination of the coordination means such that the~~ coordination computing device and ~~the plurality of individual peer computing devices~~<u>to</u> simultaneously communicate and functionally operate with ~~one another~~<u>each other</u> through the network to perform an application.

2. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 1, wherein the network is <u>one of</u> a Local Area Network, a Wide Area Network or the Internet.

3. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 1, wherein ~~said variety of~~ the computing resources are individually valued and systematically classified into a number of major bartering categories to effect~~uate~~ a commerce driven bartering mechanism.

4. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 3, wherein the major bartering categories are selected from ~~the~~ a group consisting of computing power, computing memory, computing storage, computer peripherals, computer files, network access, and money.

5. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 4, wherein the computing power is valuated using parameters selected from ~~the~~ a group ~~comprising~~ consisting of MIPS, MFLOPS and usage time.

6. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 4, wherein the computing memory is valuated using parameters selected from ~~the~~ a group ~~comprising~~ consisting of MB, ns of Read time, ns of Write time and usage time.

7. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 4, wherein the computing storage is valuated using parameters selected from ~~the~~ a group ~~comprising~~ consisting of MB, ms of Read time, ms of Write time and usage time.

8. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 4, wherein the computer peripherals is valuated using parameters selected from ~~the~~ a group ~~comprising~~ consisting of resolution, color depth, speed and usage time.

9. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 4, wherein the computer files is valuated using parameters ~~from~~

the group comprising pertaining to a series of respectively associated descriptive header files.

10. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 4, wherein the network access is valuated using parameters selected from the a group comprising consisting of speed, QOS and usage time.

11. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 4, wherein the money further comprises a subset of bartering items selected from the a group consisting of cash, credit, sweepstakes and commissions.

12. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 1, wherein the coordination computing device and one or more of the individual peer computing devices form one or more DCRBS communities that may either independently function or communicate and coordinate with one anothereach other simultaneously through the network for bartering activity.

13. (*Currently amended*)   The Distributed Computer Resource Bartering System according to claim 1, wherein the application includes, but not limited to, massively distributed computing, Peer-to-Peer Electronic Commerce, Peer-to-Peer file swapping, Web site security testing, Web performance testing, PEER-TO-PEER Streamline Media Broadcasting, Web Indexing Spider, Peer Software Router, PEER-TO-PEER Game Coordinator, Wireless PEER-TO-PEER Digital Content Swapping Platform, advanced information search engines and self-balanced data routing networks.

14. (*Currently amended*)   A Distributed Computer Resource Bartering System , or (DCRBS), comprising:
    a plurality of independent computing devices connected to one another throughcoupled to a network, wherein each of the computing devices is

preinstalled with a DCRBS software module~~provided with a variety of computing resources~~;

a coordination computing device preinstalled with a DCRBS coordinator software module that is configured to coordinate bartering of various computing resources respectively running in the computing devices, the DCRBS coordinator software module determining a set of candidates from the computing devices in reference to collected parameters pertaining to each of the candidates, wherein the coordination computing device is further executing a negotiation process to subsequently reach a bartering contract with some of the candidates;

wherein the DCRBS software module in each of the computing devices notifies the coordination computing device whenever there is a status change pertaining to computing power and computing memory therein,

~~a bartering means installed on each of the computing devices to designate functionally a plurality of individual peer computing devices to barter the variety of computing resources amongst the individual peer computing devices;~~ and

wherein~~by a fraction~~some of the computing resources of the ~~individual peer computing device is bartered amongst them by the bartering means such that the plurality of individual peer computing devices simultaneously~~candidates communicate and functionally operate with one another through the network to perform an application.

15. (*Currently amended*)   A method of performing a Distributed Computer Resource Bartering~~, or~~ (DCRB), the method comprising ~~the steps of~~:

connecting~~coupling~~ a plurality of independent computing devices ~~one another through~~to a network, wherein each of the computing devices is installed with a DCRBS software module~~provided with a variety of computing resources~~;

installing a coordination ~~means~~software module on one of the computing devices (hereinafter "coordination computing device") to ~~designate~~

functionally a coordination computing device to coordinate the bartering of the variety of various computing resources amongst all the computing devices-;

in responding to a request from the coordination computing device, the DCRBS software module in each of the computing devices configured to release parameters to the coordination computing device such that the coordination computing device determines a set of candidates with respect to some criteria;

executing a negotiation process requiring human intervention to subsequently reach a bartering contract with some of the candidates; and

installing a bartering means on each of all the computing devices to designate functionally a plurality of computing devices to barter the variety of computing resources amongst all the computing devices; and

bartering a fraction of the computing resources of the individual computing devices amongst them by the bartering means through the coordination of the coordination means such that the coordination computing device and the plurality of individual peer computing devices simultaneously causing the some of the candidates to communicate and functionally operate with one another through the network to perform a desirable application.

16. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 15, wherein the network is one or more of a Local Area Network, a Wide Area Network or the Internet.

17. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 16, wherein said variety of the various computing resources are individually valued and systematically classified into a number of major bartering categories to effect a commerce driven bartering mechanism.

18. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 175, wherein the major bartering categories

are selected from ~~the~~ a group consisting of computing power, computing memory, computing storage, computer peripherals, computer files, network access, and money.

19. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computing power is valuated using parameters selected from ~~the~~ a group ~~comprising~~ consisting of MIPS, MFLOPS and usage time.

20. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computing memory is valuated using parameters selected from ~~the~~ a group ~~comprising~~ consisting of MB, ns of Read time, ns of Write time and usage time.

21. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computing storage is valuated using parameters selected from the group ~~comprising~~ consisting of MB, ms of Read time, ms of Write time and usage time.

22. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computer peripherals is valuated using parameters selected from ~~the~~ a group ~~comprising~~ consisting of resolution, color depth, speed and usage time.

23. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the computer files is valuated using parameters from the group ~~comprising~~ pertaining to a series of respectively associated descriptive header files.

24. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 18, wherein the network access is valuated

using parameters <u>selected</u> from ~~the~~ <u>a</u> group ~~comprising~~ <u>consisting of</u> speed, QOS and usage time.

25. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 18<u>,</u> wherein the money further comprises a subset of bartering items selected from ~~the~~ <u>a</u> group consisting of cash, credit, sweepstakes and commissions.

26. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 15 further compris<u>ing</u>~~es~~ ~~the step of~~ forming one or more DCRBS communities<u>,</u> each ~~comprising~~ <u>including</u> the coordination computing device and one or more of the individual peer computing devices that ~~may~~ either independently function or communicate and coordinate with one another simultaneously through the network for bartering activity.

27. (*Currently amended*)   The method of performing a Distributed Computer Resource Bartering according to claim 15<u>,</u> wherein the application includes<u>,</u> ~~but not limited to,~~ massively distributed computing, Peer-to-Peer Electronic Commerce, Peer-to-Peer file swapping, Web site security testing, Web performance testing, PEER-TO-PEER Streamline Media Broadcasting, Web Indexing Spider, Peer Software Router, PEER-TO-PEER Game Coordinator, Wireless PEER-TO-PEER Digital Content Swapping Platform, advanced information search engines and self-balanced data routing networks.